

hygea d3ntal Quick Guide

Please download the full instruction manual from the Ultrawave website

Electrical Safety instructions

The Ultrawave **hygea d3ntal** ultrasonic bath is designed to be connected to a 230V 50Hz electrical supply via a three pin BS1363 plug.

Always connect to a fully earthed supply using the moulded plugs provided. It can be dangerous to operate an ultrasonic bath without an earth connection.

The removeable power lead is the disconnect device and should remain accessible while the unit is in use.

The removeable power lead is rated at 250V 6A. **NEVER FIT A LEAD WITH A LOWER RATING.**

The mains plug is fitted with a 5A fuse. **NEVER FIT A FUSE OF A HIGHER RATING.**

The IEC C14 electrical socket on the rear of the unit is fitted with 2x T5A (slow blow) fuses. **NEVER FIT A FUSE OF A HIGHER RATING.**

The unit is rated at up to 350W.

Ensure that any excess power cable is stored neatly.

Using the hygea d3ntal in a manner not specified by Ultrawave may lead to damage or electrical safety impairment.

Ultrawave will not be responsible for damage or injury caused by incorrect use of the equipment.

General Safety Instructions

Ensure that the bath contains liquid before you switch it on.

Always use a basket or instrument tray to support items to be cleaned. *Not doing so may damage the bath and invalidate your warranty.*

Do not place hands or fingers in the bath when it is operating.

Care should be taken when operating the bath at higher temperatures as external surfaces may become hot.

Never use toxic, flammable, acidic, caustic or corrosive solutions in the bath.

Do not move the bath when it contains water.

Before cleaning, drain the bath. Clean by wiping with a clean non-abrasive cloth.

The user should familiarise themselves with the *full instruction manual* before operating the equipment and should apply to Ultrawave or its agent for advice on cleaning techniques or detergents. Ultrawave will not be responsible for damage or injury caused by incorrect use of the equipment.

Installation

The following parts and accessories are included with the hygea d3ntal ultrasonic bath:

- 1x PC dongle
- 1x basket
- 1x lid
- 1x 2m length of drain hose
- 1x hose tail
- 1x power cable

Screw the hose connector into the drain valve at the rear of the unit.

Locate the Ultrawave hygea d3ntal close to a drain or sink.

Connect one end of the drain hose to the hose connector and locate the other end over a drain or sink.

Connect the mains lead into a suitable mains socket.

Ensure that the mains plug, and the switch are easily accessible.

Your Ultrawave hygea d3ntal ultrasonic bath is now ready to use.



PC set-up

Please check that your PC has the following minimum specification: Windows 7 or above, 2GB RAM, USB 2.0 Port.

Download the Ultrawave Cycle Validation Software from the Ultrawave website: <http://ultrawave.co.uk/pages/validation-software>.

Please ensure you have user rights to install the software. If not, please contact your network or IT administrator.

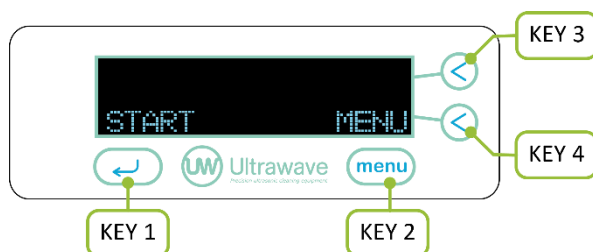
1. Click on the download link
2. Once downloaded, right click on the file and select extract all
3. Follow the prompts until the folder appears then run the .msi file
4. Once complete, open the driver folder and install the .exe file
5. Follow the prompts until finish can be selected

Your recording PC should be no more that 20m away from your hygea d3ntal ultrasonic bath, ideally with direct line of sight. Solid walls may reduce the quality of the signal.

Controls

Once plugged in, switch on your Ultrawave hygea d3ntal ultrasonic bath via the power on/off switch at the rear of the unit. The switch will then illuminate.

The Ultrawave hygea d3ntal is operated through a menu driven control system:



The different keys perform the following functions:

- | | | |
|---------------|----------|---|
| KEY 1: | ← | Starts and ends the ultrasonic cycle |
| KEY 2: | Menu | Scroll through the menu |
| KEY 3: | Up/On | Adjust the settings in the options menu |
| KEY 4: | Down/Off | Adjust the settings in the options menu |

Quick guide

Pour cold water into the bath up to the “FILL TO” line (Do not overfill).

Add detergent to the recommended dose.

Start a “degas” cycle and let it run until all bubbles are removed - usually 10 to 12 minutes. Press the “abort” key to stop degassing.

Press the “START” key to accept the programmed cleaning cycle settings and start the cleaning cycle.

At the end of the cycle, remove the basket from the bath and rinse the items under clean running water.

The lid can be inverted, and the basket placed on top to catch excess liquid as the items dry.

Recording Cycle Data

1. Always ensure that the USB dongle is inserted into a working PC or tablet prior to turning on the power on your Ultrawave hygea d3ntal. At power-up, the following screen will be displayed.



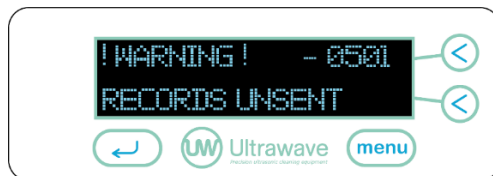
2. If the USB is found the following screen will be displayed.



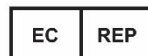
3. If any cycle validation records are stored in the hygea d3ntal they will be transferred to the PC. Your hygea d3ntal will transfer data at the end of each cleaning cycle.
4. If the USB is not found, please refer to the *full instruction manual*.

Failed Connection

If your hygea d3ntal does not find the USB dongle, or connection is interrupted, your hygea d3ntal will store the cycle validation data in its internal memory. Your hygea d3ntal will display a warning after 500 cycles, as the internal memory fills up. If this occurs, please ensure that connection to the PC dongle is re-established as soon as possible to ensure records are sent to the PC. When the internal memory is full, your hygea d3ntal will not allow any more cleaning cycles to be run to ensure no loss of cycle validation data.



If you require assistance, please call or email Ultrawave.
 +44 (0)29 20 837337 service@ultrawave.co.uk
 www.ultrawave.co.uk



EMERGO EUROPE
 Prinsesgracht 20
 2514 AP The Hague
 The Netherlands